SHARP

ImageSEND is document distribution

Powerful scanning and distribution software for Sharp Digital IMAGERs and MFPs

Document Scanning

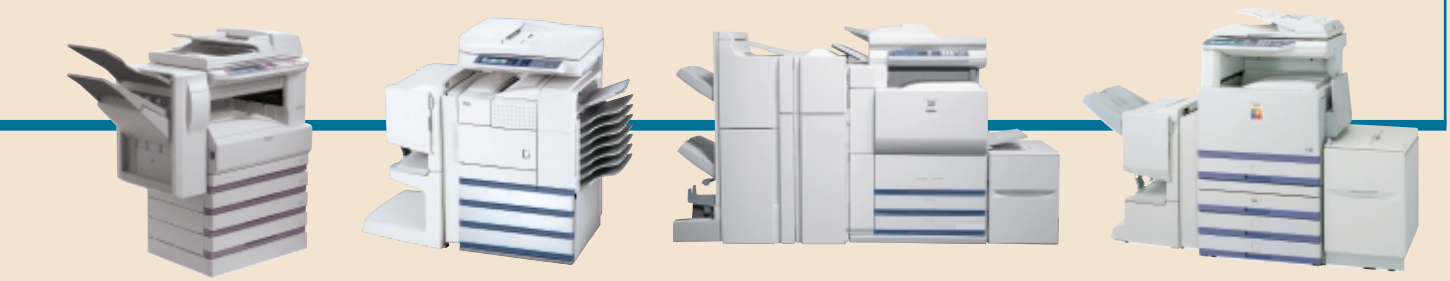
Digital iMAGER™ Advanced Workgroup System

enhance your workflow with Sharp's scan-enabled Digital IMAGERs and easy-to-use software

Do more than you ever thought possible with Sharp's networkable scan-enabled Digital IMAGER™ MFPs. With award-winning ImageSEND technology and a variety of output features, busy offices and workgroups can adopt a truly digital workflow—and communicate more efficiently. Designed with easy-to-use, icon-driven graphics, Sharp's entire IMAGER line offers you ease of use that is consistent across its network scanning product line—so using both low-volume and workgroup-level IMAGERs is easy to do.

Designed to maximize your IMAGER's features, Sharp's scalable software solutions are easy to use and include 3rd-party products as well as Sharp's integrated document management software, Sharpdesk™. With ImageSEND and Sharpdesk, you can leverage your IMAGER investment by extending its capability from the control panel to the desktop—making it easier than ever to get the job done.

Sharp's scan-enabled Digital IMAGERs offer versatile functionality for busy workgroups.



With seamless, user-friendly technology across the product line, using Sharp IMAGER's sophisticated features won't slow you down.

scan. capture. store. send.

ImageSEND makes it easy.

Incredibly fast scan speed—for increased productivity.

Speed up your workflow with Sharp's innovative Scan² technology. Available on select Sharp models,* documents are scanned up to an amazing 65 images per minute (ipm) simplex—and 76 ipm duplex. With integrated network scanning, your office can instantly share documents and communicate more effectively. Plus you'll be able to:

- Reduce courier and overnight mail costs
- Archive and retrieve documents easily and securely
- Re-purpose content of saved documents
- Reduce need for filing cabinets and associated floor space cost
- Streamline workflow by reducing the paper trail

Scan and send with the touch of a few buttons.

With Sharp's ImageSEND technology* your IMAGER can quickly scan a document and send it instantly to one of six destinations—with one-touch simplicity on the IMAGER's control panel. ImageSEND destinations include Send to Desktop, Send to E-mail, Send to FTP, Send to Fax, Send to i-Fax, and Send to Group.

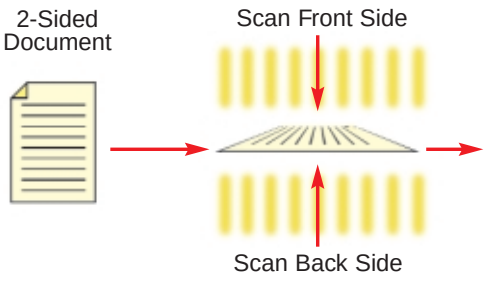
ImageSEND is practically effortless—and can streamline your workflow—saving time and money.

Send your files effortlessly—and securely.

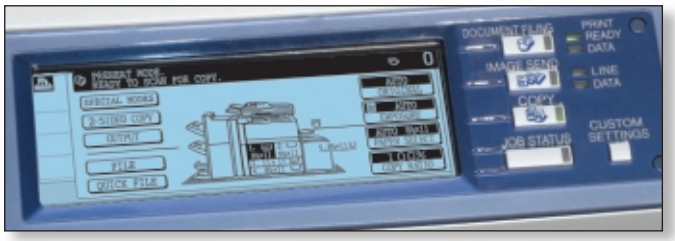
With convenient **LDAP support** (Lightweight Directory Access Protocol)*, users can easily enter a recipient's address by entering only the first few characters. To reduce the risk of scanned documents being e-mailed, integrated **User Authentication** requires users to log in before searching for an address and sending an outbound e-mail.

Intelligent Application Integration

Whether from customizable assist lists or entering information on the fly, Sharp's flexible **Application Integration Module** allows you to add information, or metadata, to your scanned documents. This enables you to instruct selected applications on how to handle your scanned document. Now you can initiate your document workflow right from your IMAGER's touch-screen panel, automating tasks that once took several steps.



Scan² Technology scans both sides of a document simultaneously, minimizing paper misfeeds dramatically.



The Application Integration Module makes it easy to initiate your document workflow directly from the IMAGER's user-friendly control panel.

scan²

Empowered with Scan² Technology

*available on Sharp AR-M350/M450, AR-M355/M455 and AR-M550/M620/M700

organize. edit. search. manage.
Sharpdesk makes it seamless.

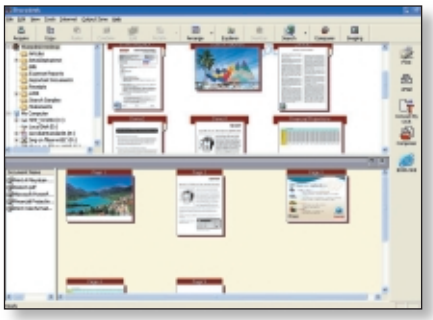
Powerful, flexible and intuitive, **Sharpdesk™** software enables you to easily integrate scanned documents into your everyday workflow. Easy-to-use tools help you organize, edit—even combine scanned files—for maximum productivity. **Full text search** enables you to retrieve archived documents quickly and easily—right from your desktop. And for greater productivity, improved OCR capabilities allow you to scan and OCR documents directly from your IMAGER—eliminating manual key stroking—and saving time.

Sharpdesk requires no server components, no additional hardware, and integrates seamlessly with your IMAGER or FO-DC series MFP to enhance your daily workflow. With icon-driven graphics and drag and drop simplicity, Sharpdesk simplifies everyday tasks—and helps you manage documents more efficiently.

Sharpdesk 3.1 Key Features

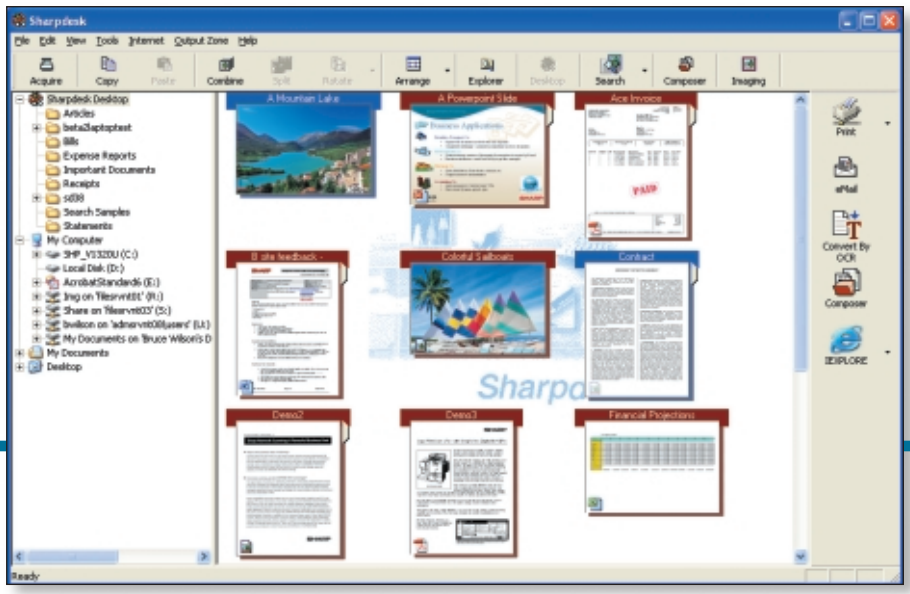
- **Receive:** Automatically receive, open and save scans directly from your Sharp IMAGER or any TWAIN Compliant Scanner
- **Manage:** Store, organize and manage documents—displayed as intuitive thumbnails—right from your PC desktop
- **Search:** Retrieve electronic files quickly with advanced search and index capabilities
- **Output:** Drag and drop files to printers, fax machines, applications, or e-mail services
- **View:** View files in native formats as thumbnail images in more than 200 file types
- **Compose:** Combine files of different types into a single document for easy distribution
- **OCR:** Reduce key stroking and convert hard-copy documents, images and PDF files into an editable format
- **Edit:** Retouch documents, images and photographs with drawing tools, touch-up filters and annotations including redaction support

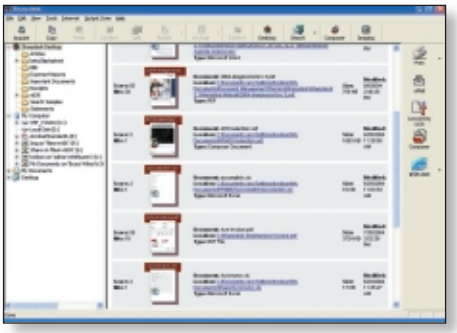
Image Editor enables you to view and edit images with just a few key clicks.



Composer enables you to combine files of different types, such as Word files, Excel files and digital camera images into a single production ready document.

The Sharpdesk Desktop is familiar and easy to use. Scanned documents appear in the Sharpdesk window as thumbnails for easy browsing. Sharpdesk recognizes over 200 types of files including TIFF, JPEG, BMP and common office suite formats.





Full Text Search enables you to quickly locate and retrieve any Sharpdesk-saved file on your PC.

Get seamless workgroup-level document management with Doc2NET™.

For advanced document filing and archiving, select Sharp IMAGERs are compatible with Liberty IMS Doc2NET, an workgroup-level solution that enables users to capture, organize, retrieve, and secure documents. With sophisticated storage and indexing, full text search capabilities, and output and distribution capabilities via fax, e-mail, and print, Doc2NET delivers quick and convenient access to shared documents for the entire workgroup—not to mention increased efficiency.

Doc2NET Key Features

- **Capture, organize, retrieve, and secure** documents
- **Import existing files** into Doc2NET for centralized archiving with Import Wizard
- **Index documents** using structured indexing with up to 6 different fields for quick retrieval
- **Full text search** capability
- **Track important information** about the history of the document with Audit Trail
- **Merge multiple image (TIFF) files** into one document
- **Add highlights, comments and annotations** with the Mark-Up Toolbar
- **Organize files** into 10 filing cabinets, each with 6 separate drawers and 26 individual folders from A to Z

With Doc2NET v.2.0, you can select either a thick client or web based (thin client) version. Both are fully integrated with Sharp's Digital IMAGERs and FO-DC Series MFPs.

Get instant tech support with My Sharp.

To make learning all the features of your Sharp IMAGER and software simple and easy, ask your local Authorized Sharp Dealer about My Sharp, a new technology and training support website that allows you to locate resources, download demos of product features, and find information specific to your Sharp IMAGER.

Sharpdesk 3.1 Specifications

Document/Image Input Methods	Sharp Digital IMAGERs with Network Scanning enabled: Any TWAIN 32-compliant Scanner
Network Scanner Tool[1]	Enables automatic and direct transfer of scanned image/document from Sharp Digital IMAGER to workstations
Viewing and Document Management	Folder: Tree hierarchy (Windows® Explorer-like) Document: Thumbnail with preview file format icons (BMP, TIFF, JPEG, DOC, XLS, PPT, etc.; over 200 file formats supported)
Search	Full text and file property search, Supports up to 35 file formats, Create up to 20 unique indexes, Automatic index updates
Page (section) Operations	Add, delete, paste, move, copy, de-speckle, crop, straighten page, and undo for image files
Annotation	Copy (cut) and paste portion of page, save text, line art, rectangle, hyperlink, initials, notes, highlighting, freehand drawing, stamp, display/hide annotations for viewing and printing image files
Supported Languages	English (US and British), French, Italian, German, Spanish, Swedish, Dutch
Output Methods	E-mail attachment (in original format, or SDF[2] file from Sharpdesk Composer), OCR, format conversion (Sharpdesk Imaging: TIFF, JPEG, BMP, etc.)
Minimum System Requirements	
CPU	At least 300 MHz Pentium or equivalent (500 MHz or better recommended)
Main Memory	Windows 98/ME: Minimum 128 MB, Windows NT/2000: Minimum 128 MB, (192 MB recommended), Windows XP: Minimum 128 MB
Operating System	Windows XP Professional/Home Edition, Windows 98 or Millennium, Windows NT® 4.0 (SP6) or 2000 (English version)[3], Internet Explorer 6.0 or later, Installed TCP/IP network
Hard Disk Free Space	300 MB application footprint 500 MB free hard drive space recommended
Display	800 x 600 or higher resolution, at least 256 colors (True Color recommended)

[1]Network Scanner Tool is a check-off option while installing Sharpdesk.
[2]SDF Composer file — a Sharp-original format that can be converted to PDF.
[3]OS version with minor updates after release may not be compatible with some versions of Sharpdesk.

Sharp Scanning Compatibility Chart

	Black/White IMAGERs				Color IMAGERs			Facsimiles	
General Information	**AR-M162 AR-168 AR-M207 Series**	**AR-M237 AR-M277 Series**	**AR-M355 AR-M455 Series**	**AR-M550 AR-M620 AR-M700 Series**	**AR-BC260**	**AR-BC320**	**AR-C330**	**FO-DC500 FO-DC525 FO-DC600 Series**	**FO-DC550**
Speed	16/20 ppm	23/27 ppm	35/45 ppm	55/62/70 ppm	26 ppm b/w 17 ppm color	32 ppm b/w 26 ppm color	33 ppm b/w 33 ppm color	16 ppm	16 ppm
Function[1]	Print/Copy/Scan/Fax	Print/Copy/Scan/Fax	Print/Copy/Scan/Fax	Print/Copy/Scan/Fax	Print/Copy/Scan/Fax	Print/Copy/Scan/Fax	Print/Copy/Scan	Print/Copy/Scan/Fax	Print/Copy/Scan/Fax
Printer Controller	AR-NB2N/NB3[2]	AR-P17	Standard[3]	Standard[3]	Standard	Standard	AR-PE3	FO-NP1	AR-NB2N
Network Card (TCP/IP 10/100)	AR-NB2N/NB3[2]	AR-P17[4]	Standard[3]	Standard[3]	Standard	Standard	AR-PE3	FO-LN1	AR-NB2N
Scanning Option Model	AR-NB2N/NB3[2]	AR-NS2[5]	AR-NS3[5]	AR-NS3[5]	AR-NS2[5]	Standard	AR-PE3[6]	FO-NS2	AR-NB2N
Scanning Destinations									
Send to Desktop	Yes	Yes	Yes	Yes	Yes	Yes	—	Yes	Yes
Send to FTP	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Send to E-Mail	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Send to Internet Fax	—	—	Yes[7]	Yes[7]	Yes[7]	Yes[7]	Yes	—	—
Send to Fax	Yes	Yes	Yes[7]	Yes[7]	Yes[7]	Yes[7]	—	Yes	Yes
Send to Mixed Group (E-Mail and Fax)	—	—	Yes[7]	Yes[7]	—	—	—	Yes	—
Scanning Specifications									
File Type	PDF/TIFF/TIFF-F/JPEG	PDF/TIFF/TIFF-F	PDF/TIFF/TIFF-F[8]	PDF/TIFF/TIFF-F[8]	PDF/TIFF/TIFF-F[8]/JPEG	PDF/TIFF/TIFF-F[8]/JPEG	PDF/TIFF/JPEG	PDF/TIFF/TIFF-F	PDF/TIFF/TIFF-F/JPEG
Compression Mode	MH (G3)/MMR (G4)	MH (G3)/MMR (G4)	MH (G3)/MMR (G4)	MH (G3)/MMR (G4)	MH (G3)/MMR (G4)	MH (G3)/MMR (G4)	MMR (G4)	MH (G3)/MMR (G4)	MH (G3)/MMR (G4)
Optical Resolution	600 dpi	600 dpi	600 dpi	600 dpi	600 dpi	600 dpi	600 dpi	600 dpi	600 dpi
Output Resolution Selection	200/300/600 dpi	200/300/600 dpi	200/300/400/600 dpi	200/300/400/600 dpi	200/300/400/600 dpi	200/300/400/600 dpi	150/300/600 dpi	200/300/400/600 dpi	200/300/400/600 dpi
Max. Original Size	11" x 17"[9]	11" x 17"	11" x 30.5"	11" x 30.5"	11" x 17"	11" x 17"	11" x 17"	10" x 14"	8.5" x 14"
Duplex Scan	Yes[10]	Yes	Yes	Yes	—	—	—	Yes	Yes
User Authentication	—	Yes	Yes	Yes	Yes	Yes	—	Yes	Yes
LDAP Support	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SMTP Compatible Mail System Support	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Color Scanning	Yes	—	—	—	Yes	Yes	Yes	—	Yes
Ad Hoc File Naming	—	Yes	Yes	Yes	—	—	—	—	–
Metadata Support	—	Yes[11]	Yes[11]	Yes[11]	—	—	—	—	–
Secure-Scanning	Yes[12]	Yes[12]	Yes[12]	Yes[12]	Yes[12]	Yes[12]	—	Yes[12]	Yes[12]
Document Management									
Sharpdesk	Standard with AR-NB2N, AR-NB3	Standard with AR-NS2	Standard with AR-NS3	Standard with AR-NS3	Standard with AR-NS2	Standard	Optional	Standard with FO-NS2	Standard with AR-NB2N
Number of Licenses[13]	3	10	10	10	10	10		5	3
Doc2NET	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional

Design and specifications subject to change without notice.

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[1] Some functions require optional equipment
[2] AR-NB2N for AR-168, AR-NB3 for AR-M162/M207
[3] Optional on AR-M550/M620/M700 U series (AR-P19)
Optional on AR-M355/M455 U series (AR-P20)
Network option part of Printer option
[4] RJ45 Network Interface included with (AR-P17)
Certain operating systems and protocols may require (AR-NC5J) option
[5] Requires printer option
[6] Fiery Remote Scan 4.4
[7] Requires optional Facsimile Expansion Kit
[8] The file format for Internet-Fax is automatically set to TIFF-F.
Compression mode selections are MH (G3) and MMR (G4).
[9] 8.5" x 14" on AR-168 Series
[10] Duplex on AR-168D/M207
[11] Planned for 2005
[12] Requires AirZIP FileSECURE
[13] Additional user licenses are available

scan² Empowered with Scan² Technology

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